Scenario 3 (Forklift Operations)

GMG3 Johnson has been tasked with transferring ammunition from one magazine to another so that hot work can be performed. He is the only person involved in removing 35 pallets of ammunition from the magazine utilizing a forklift. GMG3 Johnson has held a forklift license for 1 month. The weather report indicates thunderstorms are fast approaching the area which will prohibit any ordnance handling evolutions.

TASK
Safely conduct the ammunition transfer prior to the thunderstorms arriving.

Instructor: this slide introduces the scenario, lays out the situation, what, when, where and why.

1. Identify the Hazards

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Instructor: After the scenario is well understood, lead the class in Step One of ORM, identifying the hazards.

1. Identify the Hazards

- **No spotter**
- **Dropped loads**
- **Lightning strikes**
- **Punctured containers**

Instructor: Here are some the NSC staff came up with.

2. *Assess the Hazards*

Risk Assessment Code - (RAC)

1 = **Critical**
2 = **Serious**
3 = **Moderate**
4 = **Minor**
5 = **Negligible**

CAT I = Death, Loss of asset.

CAT II = Sever, injury / degradation of asset.

CAT III = Minor, injury degradation of asset.

CAT IV = Minimal, injury degradation of asset.

Probability of Occurrence			
Likely - Immediate	Probably will occur in time	May occur	Unlikely to occur
A	B	C	D

SEVERITY		A	B	C	D
	Cat I	1	1	2	3
	Cat II	1	2	3	4
	Cat III	2	3	4	5
	Cat IV	3	4	5	5

Risk Levels
Risk Assessment Code

Instructor: Introduce the concept of using RACs in assessing hazards.

2. Assess *the Hazards*

	RAC
Lack of supervision	**2**
No spotter	**2**
Rushed job	**3**
Dropped loads	**4**
Lightning strikes	**3**
Punctured containers	**3**

Instructor: Assign codes, don't get caught up arguing '2' vs. '3', go with gut feel and move on; it'll work out in the end. On mouse click you'll see some that NSC staff came up with.

3. *Make Risk Decisions*

	RAC
Fatigue level	2
Experience level	2
No spotter	3
Dropped loads	3
Lightning strikes	3
Punctured containers	4

Instructor: Align the hazards in priority order from 1 (highest) to 5 (lowest). On mouse click, you'll see NSC determined order.

4. Implement Controls

Controls

2-Fatigue level   - Ensure you are well rested

2-Experience level   - Adequately supervise
                                          inexperienced operators

3-No spotter   - Provide spotter to guide
                                          operator

3-Lightning strikes   - Cease operations

3-Punctured containers   - Utilize a spotter

4-Dropped loads   - Utilize a spotter

Instructor: Have audience determine some controls and write them down; then contrast against some that NSC staff developed.

5. *Underline*

- Enforce controls.
- Monitor effectiveness of controls.
- Evaluate and adjust controls as the situation changes.
- Ensure personnel are familiar with their situations.

"CHANGE" is the mother of all risk.
If there is a change, a time critical process may have to be done on the spot.